

KOREAN PATENT ABSTRACTS XML 1(1-1)

Save

Please Click here to view the drawing

Korean FullDoc.

(19)  KOREAN INTELLECTUAL PROPERTY OFFICE

KOREAN PATENT ABSTRACTS

(11)Publication number: 1020050101600 A
 (43)Date of publication of application: 25.10.2005

(21)Application number: 1020040026526

(71)Applicant: HANLAB CORPORATION

(22)Date of filing: 19.04.2004

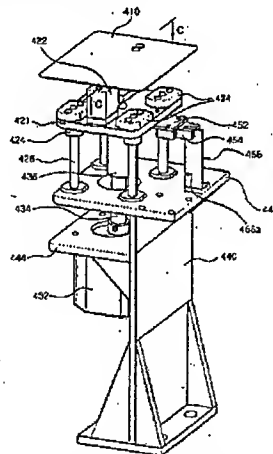
(72)Inventor: KIM, HAK CHUL
 RYU, HEUI GEUN

(51)Int. Cl. G01G 7/00

(54) CENTRIFUGAL SEPARATOR FOR MEASURING LOAD BY MAKING AN OBJECT IN A NON-INTERFERENCE STATE WITH A BODY BEFORE MEASURING LOAD

(57) Abstract:

PURPOSE: A centrifugal separator is provided to prevent breakage of a sensor caused in frequently contacting a load sensor with an object to be measured by separating the load sensor from the object. CONSTITUTION: A centrifugal separator consists of a sensor upper plate(410) lifted to make an object in a non-interference state; a load sensing unit installed at the lower side of the sensor upper plate to detect load of the object applied to the sensor upper plate; a lift unit for moving up the sensor upper plate and the load sensing unit; and a control unit for controlling the lift unit and measuring load of the object by a load detection signal supplied from the load sensing unit. A lift guiding unit smoothly guides the lift unit.



copyright KIPO 2006

Legal Status

Date of request for an examination (20040410)